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wherein said at least one lead element is structured to cause occlusion of a vessel.

23. The intravascular device of claim 22, wherein said at least one lead element comprises a material capable of producing thrombosis.

24. The intravascular device of claim 22, wherein said at least one lead element comprises an expandible element.

25. The intravascular device of claim 22, wherein said at least one lead element comprises a particle.

26. The intravascular device of claim 22, wherein said at least one lead element comprises a coil.

27. The intravascular device of claim 22, wherein said at least one lead element is formed of polyvinyl alcohol material.

28. The intravascular device of claim 22, wherein said at least one lead element is bioactive.

29. An intravascular device comprising:

at least one lead element;

a trailing element; and

a fiber interconnecting the trailing element to said at least one lead element;

wherein said at least one lead element is capable of causing occlusion of a vessel.

30. The intravascular device of claim 29, wherein said at least one lead element comprises a material capable of producing thrombosis.

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31. The intravascular device of claim 29, wherein said at least one lead element comprises a coil.

32. The intravascular device of claim 29, wherein said at least one lead element is formed of polyvinyl alcohol material.

33. The intravascular device of claim 29, wherein said at least one lead element is bioactive.

34. An intravascular device for use with a catheter having a detachment apparatus, said device comprising:

at least one lead element;

a trailing element; and

a fiber interconnecting the trailing element to said at least one lead element;

wherein said at least one lead element is capable of causing occlusion of a vessel, and wherein said trailing element is adapted for attachment to said detachment apparatus.

35. The intravascular device of claim 34, wherein said at least one lead element comprises a material capable of producing thrombosis.

36. The intravascular device of claim 34, wherein said at least one lead element comprises a coil.

37. The intravascular device of claim 34, wherein said at least one lead element is formed of polyvinyl alcohol material.

38. The intravascular device of claim 34, wherein said at least one lead element is bioactive.

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39. The intravascular device of claim 34, wherein said fiber is metallic.

40. The intravascular device of claim 34, wherein said fiber is non-metallic.

41. A method of producing occlusion of a vessel including the steps of:  
providing an intravascular device having a lead element and a trailing  
element interconnected to said lead element;  
providing a detachment apparatus;  
attaching said trailing element to said detachment apparatus;  
inserting an introducing catheter with a distal end into the vessel such that  
the distal end is adjacent to the desired deployment location;  
inserting the intravascular device into the introducing catheter;  
introducing the intravascular device into the vessel from the introducing  
catheter whereby said lead element is positioned to cause occlusion of the vessel;  
and  
detaching the intravascular device from said detachment apparatus.

#### REMARKS

The active claims in this case are claims 1 – 21, as issued in U.S. Patent No. 5,925,062, granted on July 20, 1999. Claims 22-41 are added herein.